



#12

# SEQUENCE LISTING

<110> Browning, Jeffrey L

Ware, Carl

<120> LYMPHOTOXIN BETA, LYMPHOTOXIN BETA COMPLEXES,  
PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC USES  
THEREOF

<130> B129 CP2 DV2 CN

<140> 10/040,281

<141> 2001-11-07

<160> 23

<170> PatentIn Ver. 2.1

<210> 1

<211> 726

<212> DNA

<213> Homo sapiens

<400> 1

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<211> 241

<212> PRT

<213> Homo sapiens

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Leu Leu Ala Val Ala Gly Ala Thr Ser Leu Val Thr Leu Leu Leu Ala

20 25 30

Val Pro Ile Thr Val Leu Ala Val Leu Ala Leu Val Pro Gln Asp Gln

35 40 45

Gly Gly Leu Val Thr Glu Thr Ala Asp Pro Gly Ala Gln Ala Gln Gln

50 55 60

Gly Leu Gly Phe Gln Lys Leu Pro Glu Glu Glu Pro Glu Thr Asp Leu

65 70 75 80

Ser Pro Gly Leu Pro Ala Ala His Leu Ile Gly Ala Pro Leu Lys Gly

85 90 95

Gln Gly Leu Gly Trp Glu Thr Thr Lys Glu Gln Ala Phe Leu Thr Ser

100 105 110

Gly Thr Gln Phe Ser Asp Ala Glu Gly Leu Ala Leu Pro Gln Asp Gly

115 120 125

Leu Tyr Tyr Leu Tyr Cys Leu Val Gly Tyr Arg Gly Arg Ala Pro Pro

130 135 140

Gly Gly Gly Asp Pro Gln Gly Arg Ser Val Thr Leu Arg Ser Ser Leu

145 150 155 160

165                      170                      175

180                      185                      190

195                      200                      205

210                      215                      220

225                      230                      235                      240

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175

180                      185                      190

190

195                      200

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<213> Homo sapiens

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tactgtctcg tcggctaccg gggccgggcg ccccttgcg gcggggaccc ccaggggccg 180  
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<213> Homo sapiens

Pro Leu Lys Gly Gln Gly Leu Gly Trp Glu Thr Thr Lys Glu Gln Ala

15

Phe Leu Thr Ser Gly Thr Gln Phe Ser Asp Ala Glu Gly Leu Ala Leu

20                      25                      30

Pro Gln Asp Gly Leu Tyr Tyr Leu Tyr Cys Leu Val Gly Tyr Arg Gly  
35 40 45

Arg Ala Pro Pro Gly Gly Gly Asp Pro Gln Gly Arg Ser Val Thr Leu  
50 55 60

Arg Ser Ser Leu Tyr Arg Ala Gly Gly Ala Tyr Gly Pro Gly Thr Pro  
65            70            75            80

Glu Leu Leu Leu Glu Gly Ala Glu Thr Val Thr Pro Val Leu Asp Pro  
85 90 95

Ala Arg Arg Gln Gly Tyr Gly Pro Leu Trp Tyr Thr Ser Val Gly Phe  
100 105 110

Gly Gly Leu Val Gln Leu Arg Arg Gly Glu Arg Val Tyr Val Asn Ile  
115 120 125

Ser His Pro Asp Met Val Asp Phe Ala Arg Gly Lys Thr Phe Phe Gly  
130 135 140

Ala Val Met Val Gly  
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<210> 7

<211> 156

<212> DNA

<213> Homo sapiens

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agccccgggc tcccagctgc ccacctcata ggcgct 156







<210> 15  
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<212> PRT  
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Ala His Leu Ile Gly Ala Pro Leu Lys  
20 25

<210> 16  
<211> 25  
<212> PRT  
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<400> 16  
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Leu Ala Leu Pro Gln Asp Gly Leu Tyr  
20 25

<210> 17  
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<212> PRT  
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1                      5                      10                      15

Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Lys Gly Asp Arg Leu  
195 200 205

Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe Ala Glu Ser Gly  
210 215 220

Gln Val Tyr Phe Gly Ile Ile Ala Leu  
225 230

<210> 21

<211> 260

<212> PRT

<213> Murinae gen. sp.

<400> 21

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Leu Pro Ala Ser Met Lys Ile Phe Met Tyr Leu Leu Thr Val Phe Leu  
20 25 30

Ile Thr Gln Met Ile Gly Ser Val Leu Phe Ala Val Tyr Leu His Arg  
35 40 45

Arg Leu Asp Lys Val Glu Glu Glu Val Asn Leu His Glu Asp Phe Val  
50 55 60

Phe Ile Lys Lys Leu Lys Arg Cys Asn Lys Gly Glu Gly Ser Leu Ser  
65 70 75 80

Leu Leu Asn Cys Glu Glu Met Arg Arg Gln Phe Glu Asp Leu Val Lys  
85 90 95

Asp Ile Thr Leu Asn Lys Glu Glu Lys Lys Glu Asn Ser Phe Glu Met  
100 105 110

Gln Arg Gly Asp Glu Asp Pro Gln Ile Ala Ala His Val Val Ser Glu  
115 120 125

Gly Leu Glu Gly Arg Gly Gly Arg Leu Gln Gly Arg Gly Ser Leu Leu  
1 5 10 15

[illegible]

Gly Leu Val Thr Glu Thr Ala Asp Pro Gly Ala Gln Ala Gln Gln Gly  
50 55 60

Leu Gly Phe Gln Lys Leu Pro Glu Glu Glu Pro Glu Thr Asp Leu Ser  
65                70                75                80

Pro Gly Leu Pro Ala Ala His Leu Ile Gly Ala Pro Leu Lys Gly Gln  
85 90 95

Gly Leu Gly Trp Glu Thr Thr Lys Glu Gln Ala Phe Leu Thr Ser Gly  
100 105 110

Thr Gln Phe Ser Asp Ala Glu Gly Leu Ala Leu Pro Gln Asp Gly Leu  
115 120 125

Tyr Tyr Leu Tyr Cys Leu Val Gly Tyr Arg Gly Arg Ala Pro Pro Gly  
130 135 140

Gly Gly Asp Pro Gln Gly Arg Ser Val Thr Leu Arg Ser Ser Leu Tyr  
145 150 155 160

Arg Ala Gly Gly Ala Tyr Gly Pro Gly Thr Pro Glu Leu Leu Leu Glu  
165 170 175

Gly Ala Glu Thr Val Thr Pro Val Leu Asp Pro Ala Arg Arg Gln Gly  
180 185 190

Tyr Gly Pro Leu Trp Tyr Thr Ser Val Gly Phe Gly Gly Leu Val Gln  
195 200 205

Leu Arg Arg Gly Glu Arg Val Tyr Val Asn Ile Ser His Pro Asp Met



115

120

125

Leu Tyr Leu Ala His Glu Val Gln Leu Phe Ser Ser Gln Tyr Pro Phe

130

135

140

His Val Pro Leu Leu Ser Ser Gln Lys Met Val Tyr Pro Gly Leu Gln

145

150

155

160

Glu Pro Trp Leu His Ser Met Tyr His Gly Ala Ala Phe Gln Leu Thr

165

170

175

Gln Gly Asp Gln Leu Ser Thr His Thr Asp Gly Ile Pro His Leu Val

180

185

190

Leu Ser Pro Ser Thr Val Phe Phe Gly Ala Phe Ala Leu

195

200

205